



Closed Limit

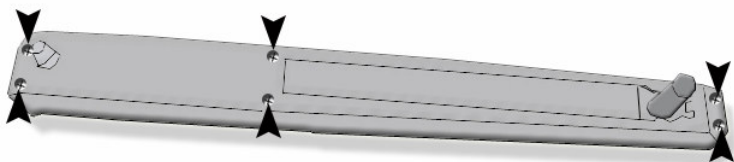


E-S 1100/1102 Internal Positive Stop Installation



Open Limit (Optional)

- To add internal positive stops, first remove the six screws on the bottom of the arm. These are Torax screws, use a Torax screwdriver size T-20 to remove the screws.



- After the screws are removed and the unit is still lying on its back, lift upward on the bottom half of the casing. The dust shield, seen below will be attached to both the casing and the front mount bolt. To remove it from the casing push downward on the ends of the dust shield and it will snap out of the casing. Then it can slide out from the front mount bolt.



- You should now have the bottom off. From here there are two ways to proceed:

Method 1 [Most common installation]: For installing a closed position positive stop only. *(the open stop can be programmed and memorized automatically using the full start/stop learning process in section 8 of the manual)*

- First pull up on the end of the threaded screw drive until the bearing is high enough from its compartment to be slid off the end.



Caution: You will get grease on your hands, protect your clothing.

- Slide the smaller of the two positive stops (in this method the larger will not be used) on the screw drive to cover the beginning of the threaded area.



Method 2: For installing both a closed position and open position positive stop. *(this method can utilize the One-Touch Learning Process, section 6 of the manual)*

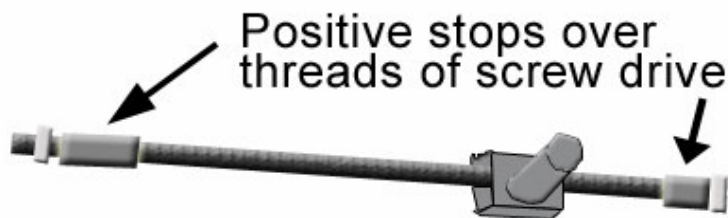
- First find the open stopping point by attaching your arm to the gate and manually opening it to the position you would like it to stop in. Measure the distance from the back wall of the screw drive section of the housing to the front mount bolt. Then manually turn your front mount bolt to be out of the way of the installation (about half way) and cut the open internal positive stop to match the measurement from the back wall to where the front mount bolt was in the open position.
- Pull up on the end of the threaded screw drive and the motor and gear box at the same time. Hold the motor and gear box together while lifting.



- Next separate the motor and gear box from the screw drive. Then remove the bearings on both ends of the screw drives.



- Then put the part of the Slide the bearing back on the screw drive.



positive stops on the threaded screw drive at both ends. bearings back on the screw



- Reassemble the screw drive with the motor and gear box assembly and then back into the